

Europäisches Patentamt
European Patent Office
Office européen des brevets



(11)

EP 1 177 761 A2

(12)

EUROPEAN PATENT APPLICATION

(43) Date of publication:
06.02.2002 Bulletin 2002/06

(51) Int Cl.7: A61B 5/00

(21) Application number: 01118539.4

(22) Date of filing: 01.08.2001

(84) Designated Contracting States:
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU
MC NL PT SE TR
Designated Extension States:
AL LT LV MK RO SI

(72) Inventors:
• Sendai, Tomonari
Ashigarakami-gun, Kanagawa-ken (JP)
• Tsujita, Kazuhiro
Ashigarakami-gun, Kanagawa-ken (JP)
• Nakajima, Yukihiko
Ashigarakami-gun, Kanagawa-ken (JP)

(30) Priority: 02.08.2000 JP 2000234225

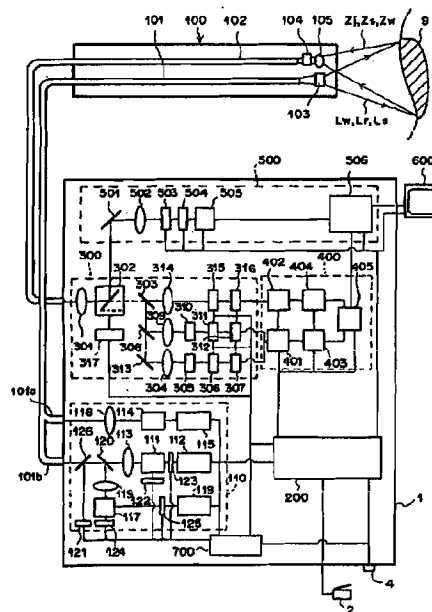
(71) Applicant: Fuji Photo Film Co., Ltd.
Kanagawa-ken (JP)

(74) Representative: Klunker . Schmitt-Nilson . Hirsch
Winzererstrasse 106
80797 München (DE)

(54) Fluorescent-light image display method and apparatus therefor

(57) According to a method of and apparatus for displaying as an autofluorescent-light image emitted from a target subject upon the irradiation thereof by an excitation light, even for cases in which a malfunction of the apparatus occurs that prevents an operator from obtaining a desired image, a standard-image is displayed so as to enable an operator to safely and expediently remove the insertion portion of the endoscope from the body of a patient, whereby the safety of the patient can be ensured. When an irregularity in the temperature of one of the light sources, the operation of one of the drive apparatus, or other cause of an operational irregularity occurring in of one of the light sources is detected by the semiconductor-laser temperature detecting means, the reference-light source temperature detecting means, or the emission-output detecting means, in response to a detection signal thereof, the standard-image display mode is switched to automatically.

F I G . 1



EP 1 177 761 A2